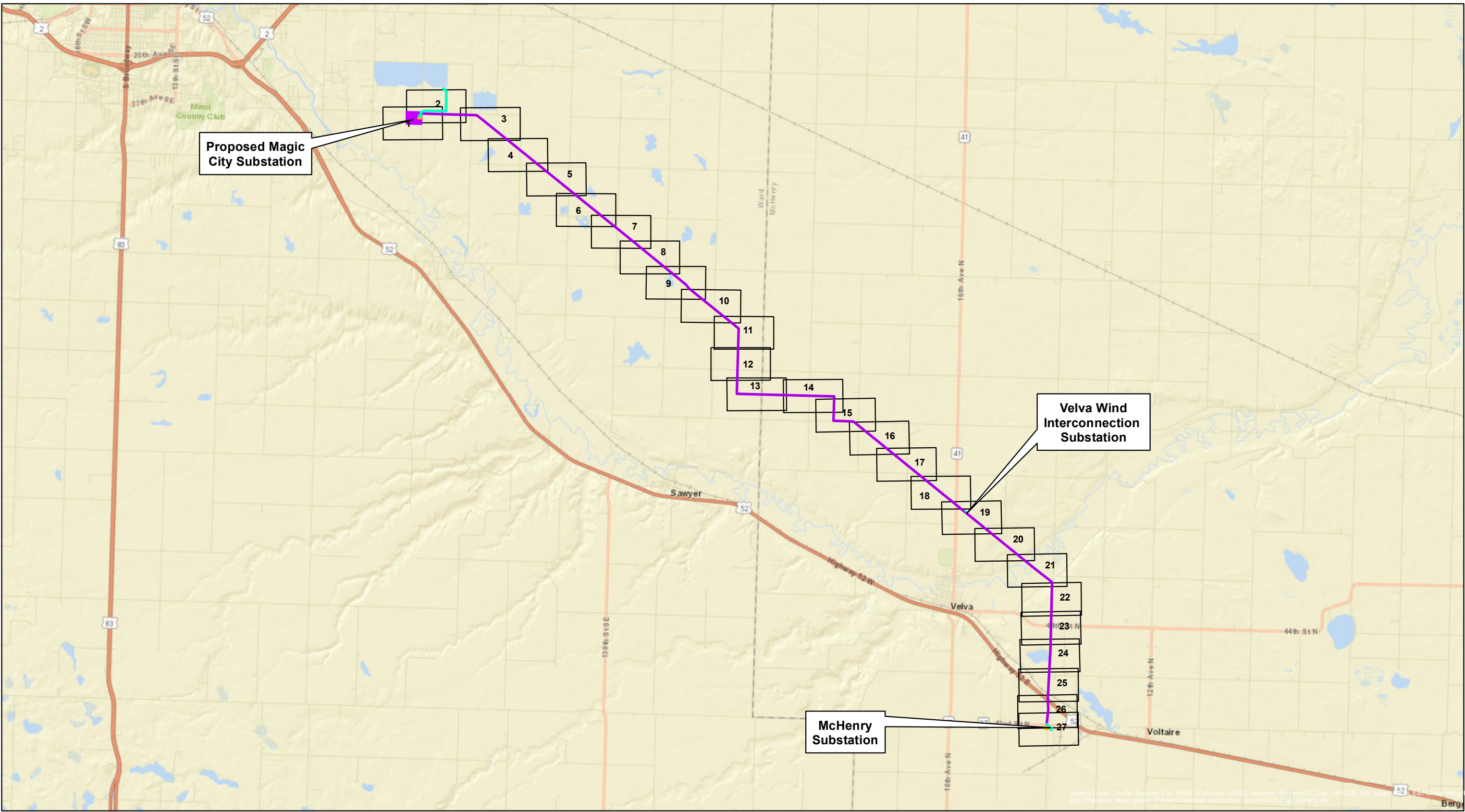


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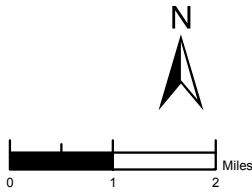


Project Feature

- Preliminary 115 kV Centerline
- Preliminary 230 kV Centerline
- Preliminary 230/115 kV Centerline
- Proposed Magic City Substation

Sheet Map Index

- Sheet Map Index

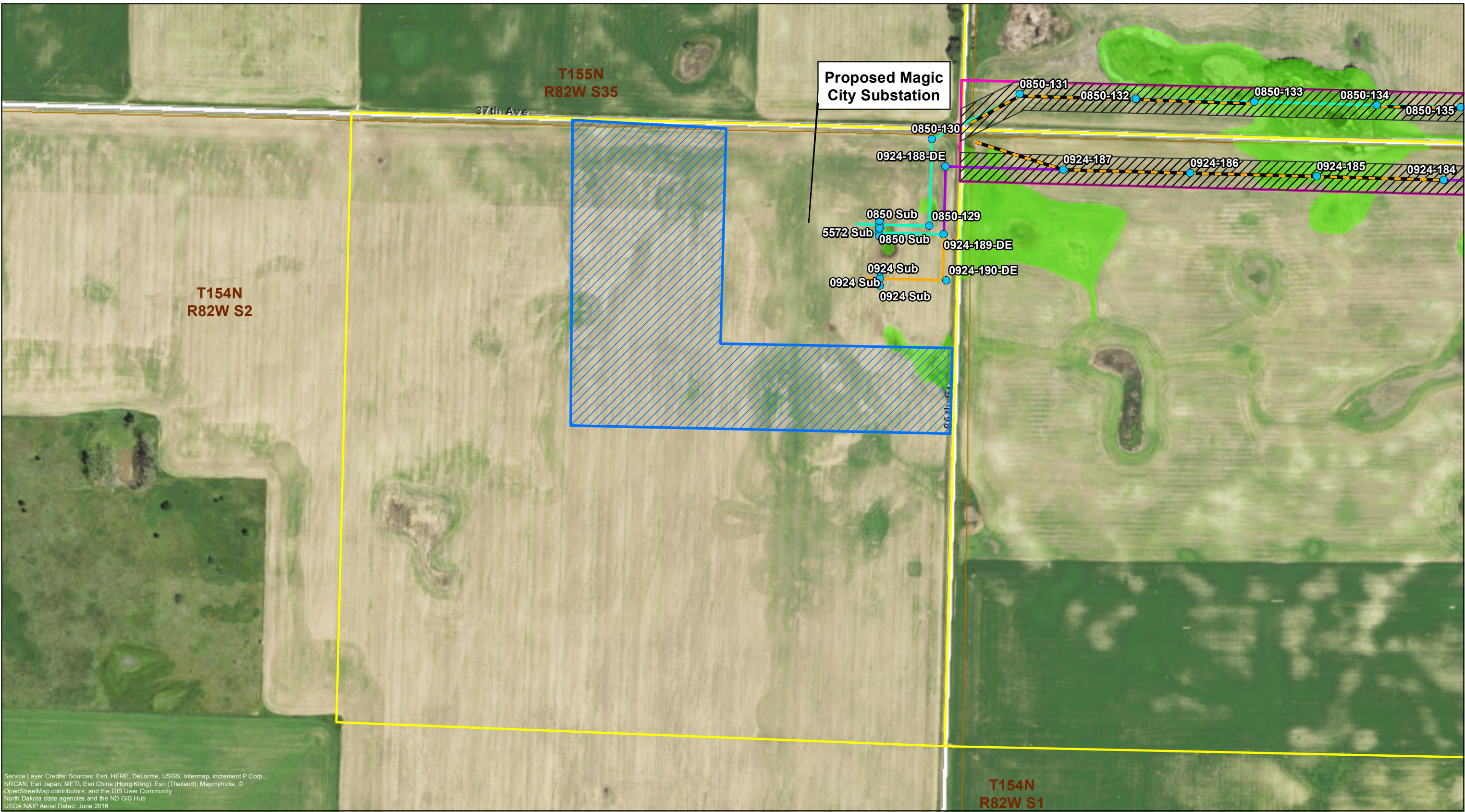


Minot Load Serving Project
Appendix B - Sheet Map Index Map
McHenry and Ward Counties,
North Dakota



Drawn:	MAR 3/8/2017
Approved:	LHK 3/8/2017
Scale:	1:118,000
PROJECT NUMBER	60342328
FIGURE NUMBER	Appendix B

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 115 kV Centerline
- Preliminary 230 kV Centerline
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

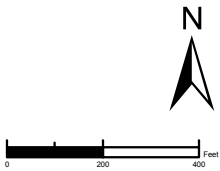
Property Ownership

- Parcel Boundary
- Wetland

Desktop Wetland Review

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By: TETRA TECH

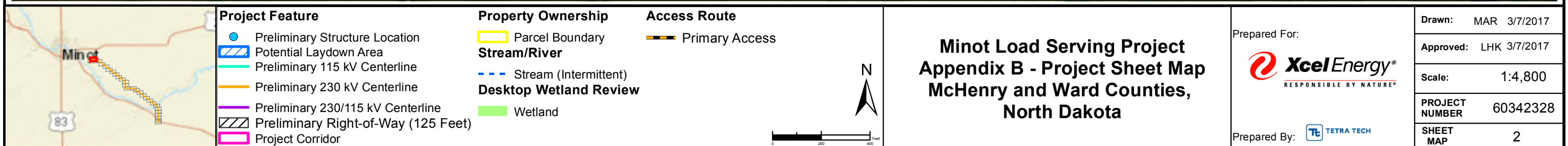
Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 1



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USDA National Wetlands Inventory 2016



Project Feature

- Preliminary Structure Location
- ▨ Potential Laydown Area
- Preliminary 230/115 kV Centerline
- ▨ Preliminary Right-of-Way (125 Feet)
- ▨ Project Corridor

Property Ownership

- ▨ Parcel Boundary
- ▨ Stream/River

Desktop Wetland Review

- ▨ Stream (Intermittent)
- ▨ Wetland

Access Route

- ▨ Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 3

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Desktop Wetland Review
- Wetland

Access Route

- Primary Access
- Secondary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 4

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Desktop Wetland Review**
- Wetland
- USFWS Wetland
- Easement Wetland

Access Route

- Primary Access
- Secondary Access
- Landowner Permission Required



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 5

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Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Desktop Wetland Review**
- Wetland
- USFWS Wetland
- Easement Wetland

Access Route

- Primary Access
- Landowner Permission Required



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

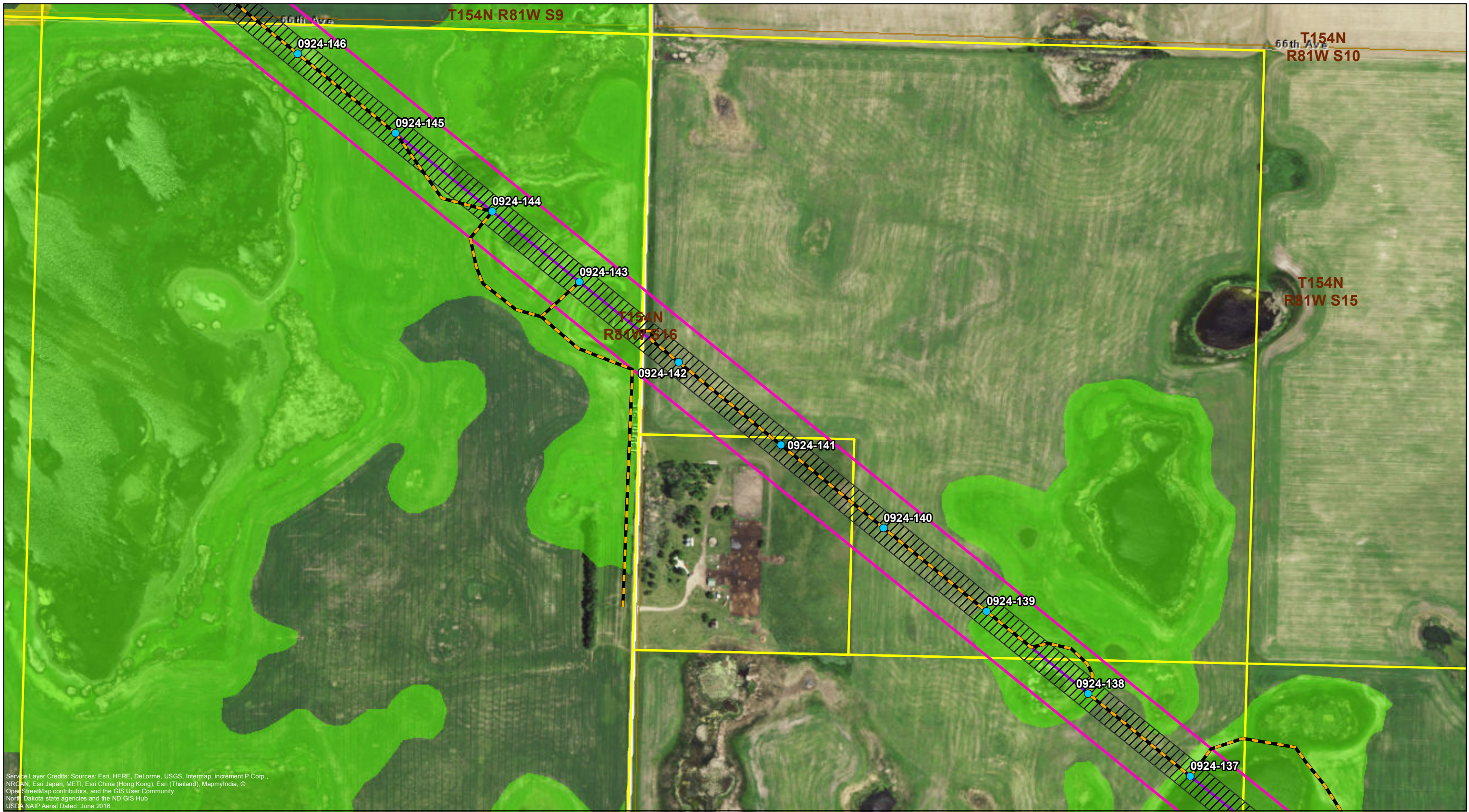
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 6

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USDA NAIP Aerial Dated: June 2016



Project Feature

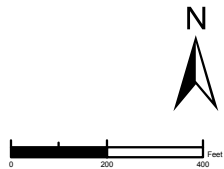
- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Desktop Wetland Review**
- Wetland
- USFWS Wetland
- Easement Wetland

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 7

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Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor
- Residence within 500' (Waiver signed)

Property Ownership

- Parcel Boundary
 - Wetland
- Desktop Wetland Review**

Access Route

- Primary Access
- Secondary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 8

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor
- Residence within 500' (Waiver signed)

Property Ownership

- Parcel Boundary
- Desktop Wetland Review**
- Wetland

Access Route

- Primary Access
- Secondary Access



Minot Load Serving Project Appendix B - Project Sheet Map McHenry and Ward Counties, North Dakota

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

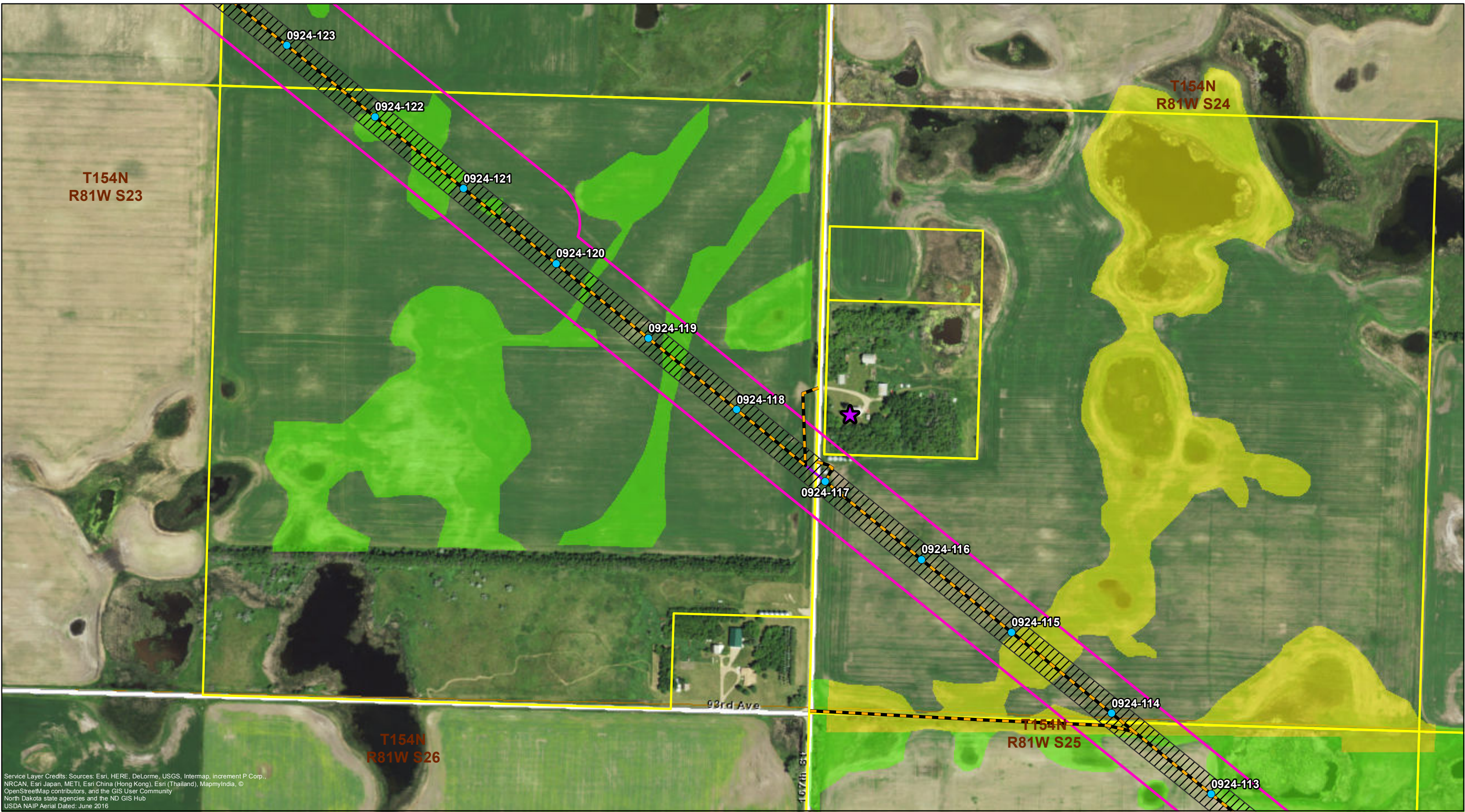
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 9

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor
- Residence within 500' (Waiver signed)

Property Ownership

- Parcel Boundary
- Desktop Wetland Review**
- Wetland
- USFWS Wetland
- Easement Wetland

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By: TETRA TECH

Drawn: MAR 3/7/2017

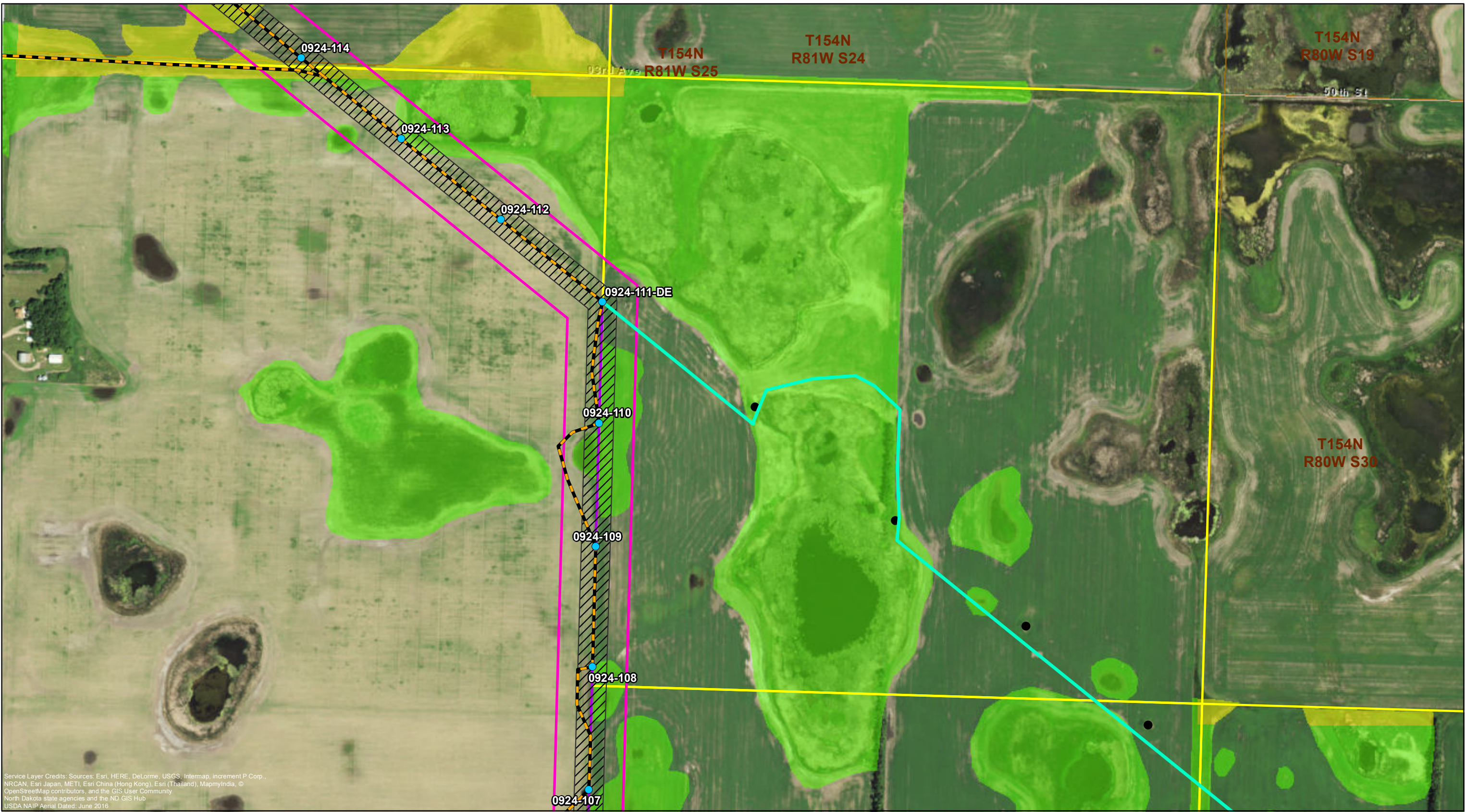
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 10

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Existing Structure
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Wetland
- USFWS Wetland
- Easement Wetland

Access Route

- Access for Structure Removal
- Primary Access



Minot Load Serving Project Appendix B - Project Sheet Map McHenry and Ward Counties, North Dakota

Prepared For:



Prepared By: TETRA TECH

Drawn: MAR 3/7/2017

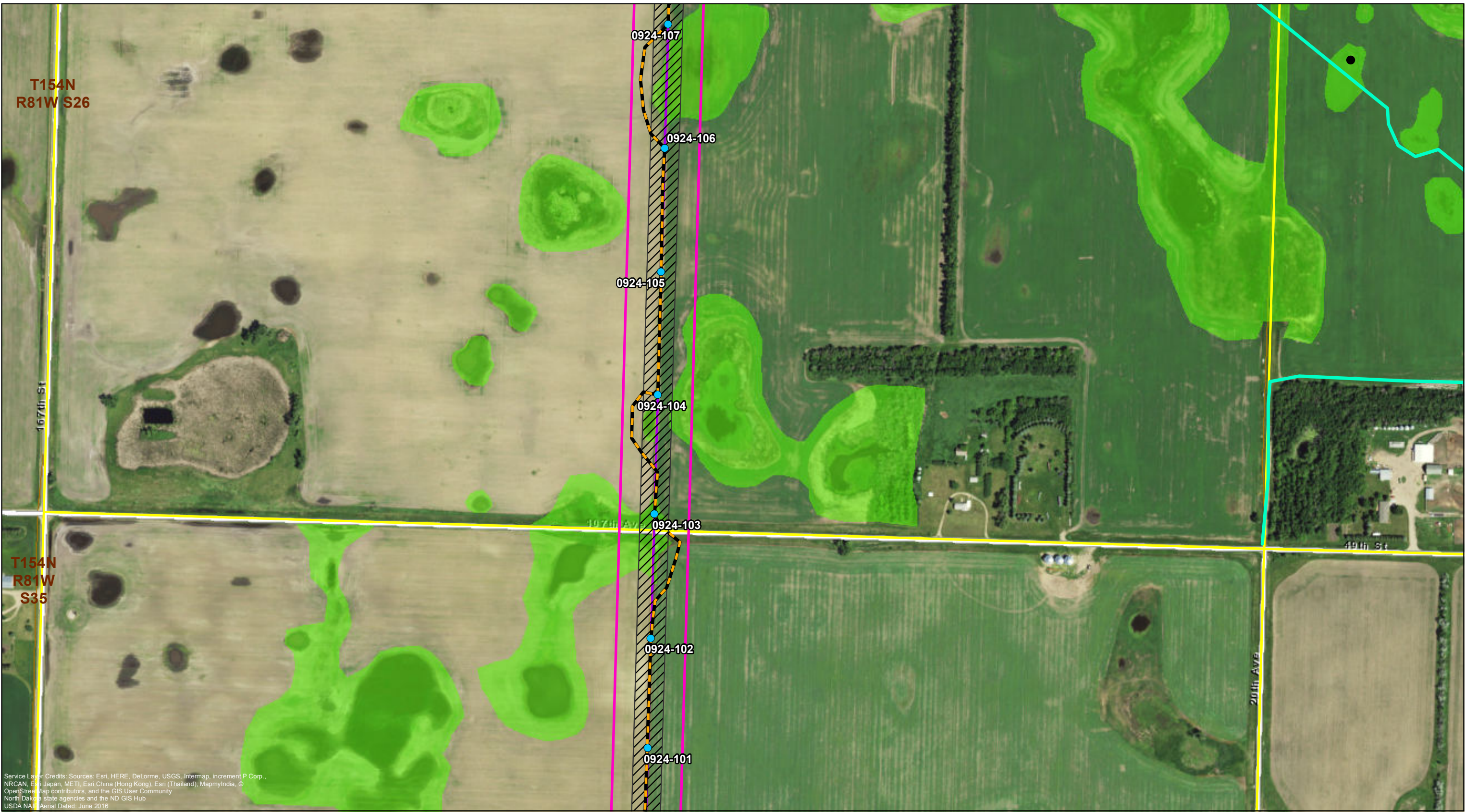
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Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 11

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Project Feature

- Preliminary Structure Location
- Existing Structure
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Desktop Wetland Review**
- Wetland

Access Route

- Access for Structure Removal
- Primary Access



Minot Load Serving Project Appendix B - Project Sheet Map McHenry and Ward Counties, North Dakota

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 12

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Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary

Stream/River

- Stream (Intermittent)

Desktop Wetland Review

- Wetland

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

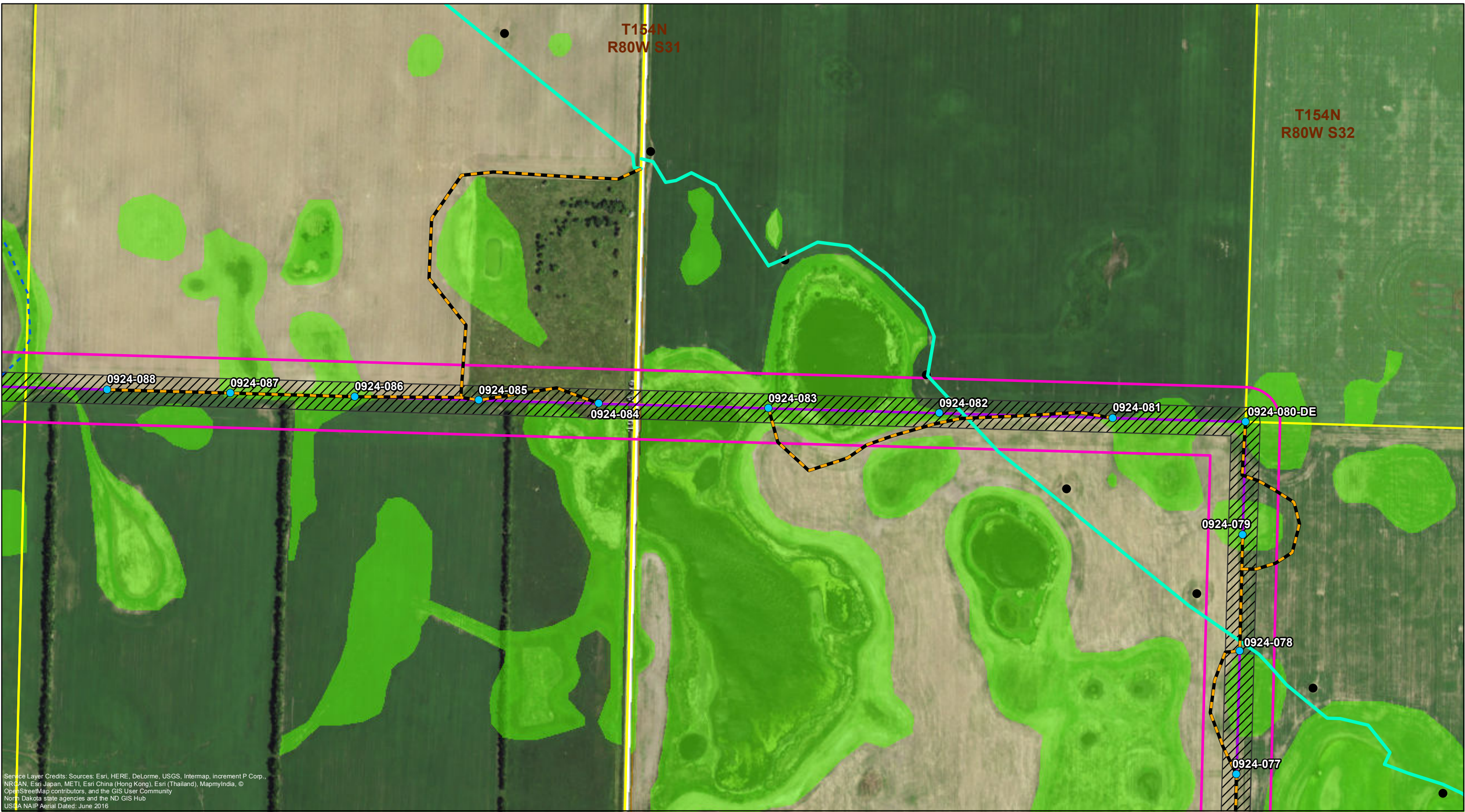
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 13

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Existing Structure
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Stream/River

- Stream (Intermittent)

Desktop Wetland Review

- Wetland

Access Route

- Access for Structure Removal
- Primary Access



Minot Load Serving Project Appendix B - Project Sheet Map McHenry and Ward Counties, North Dakota

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

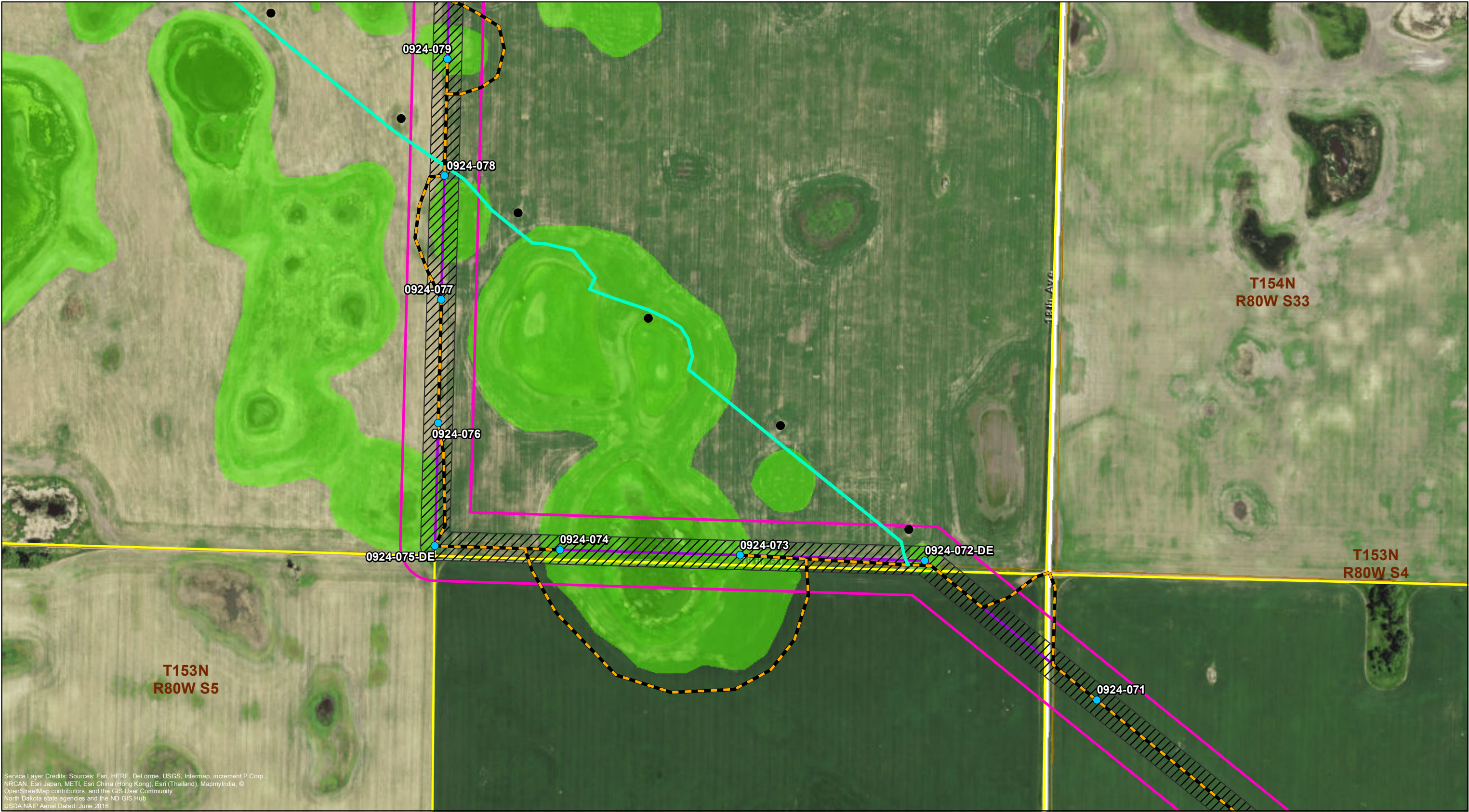
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 14

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Existing Structure
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Desktop Wetland Review**
- Wetland

Access Route

- Access for Structure Removal
- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 15

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Desktop Wetland Review**
- Wetland

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 16

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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor
- Residence within 500' (Waiver signed)

Property Ownership

- Parcel Boundary
- Wetland

Access Route

- Primary Access
- Secondary Access

Desktop Wetland Review



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 17

P:\6750_Xcel_Energy_Minot_ND\900_WorkingDocs-GIS\Layout\Appendix_B_20170307.mxd



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USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor
- Residence within 500' (Waiver signed)

Property Ownership

- Parcel Boundary
- Desktop Wetland Review
- Wetland

Access Route

- Primary Access
- Secondary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

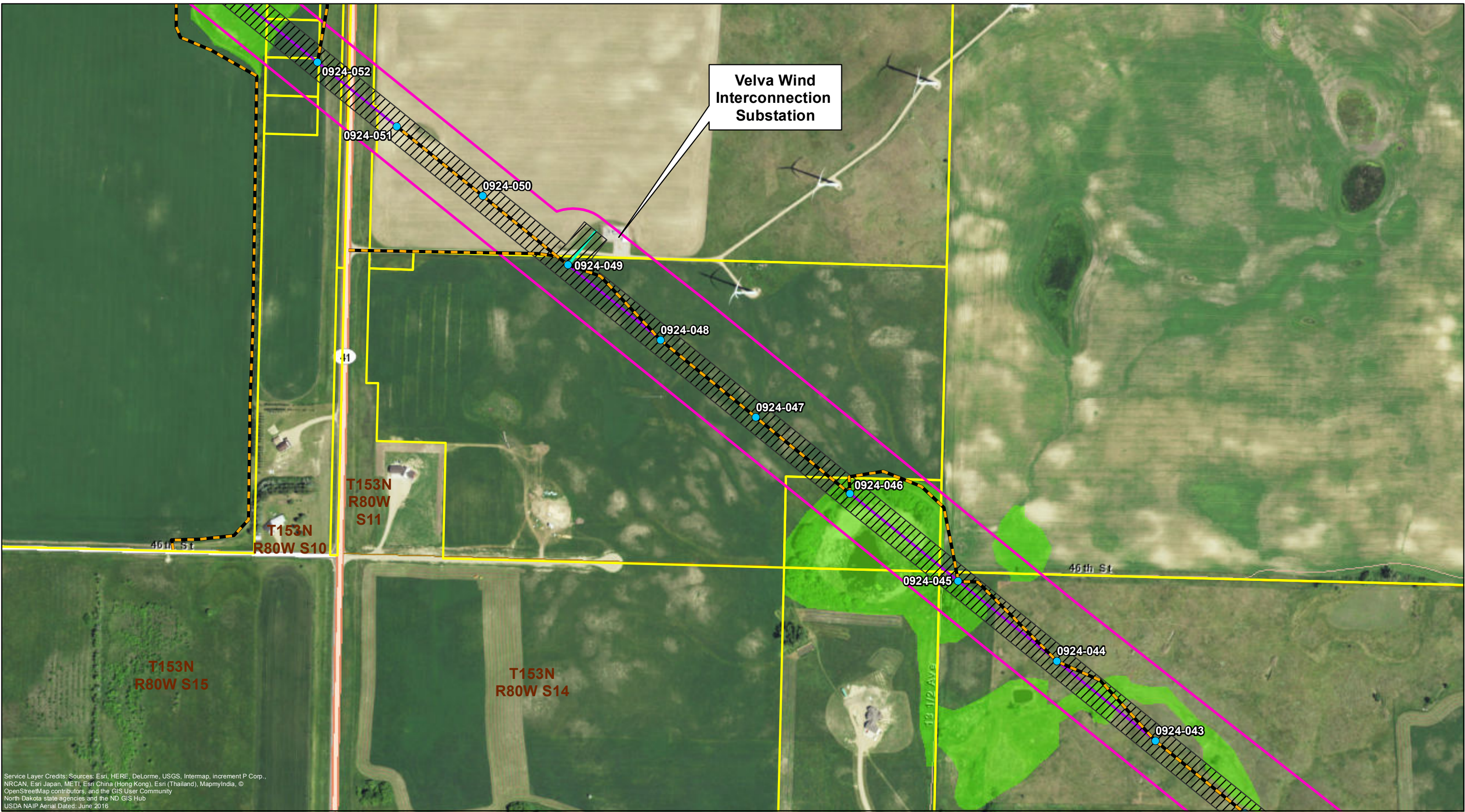
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Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 18

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North Dakota state agencies and the ND GIS Hub
USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 115 kV Centerline
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Desktop Wetland Review
- Wetland

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

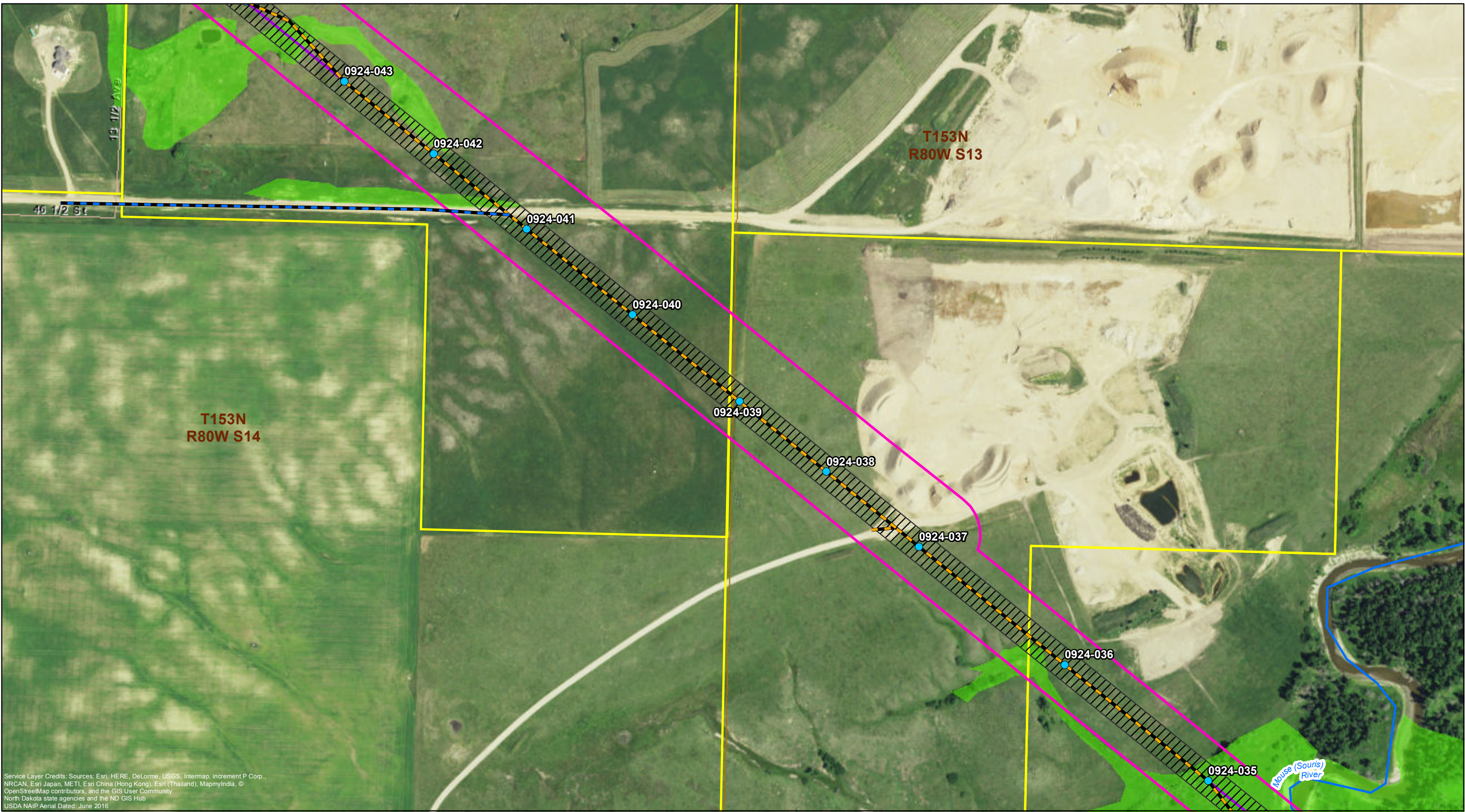
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 19

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North Dakota state agencies and the ND GIS Hub
USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Stream (Perennial)

Desktop Wetland Review

- Wetland

Access Route

- Primary Access
- Secondary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 20

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North Dakota state agencies and the ND GIS Hub
USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor
- Residence within 500' (Waiver signed)

Property Ownership

- Parcel Boundary
- Stream/River

Desktop Wetland Review

- Stream (Perennial)
- Wetland

Access Route

- Primary Access
- Secondary Access



Minot Load Serving Project Appendix B - Project Sheet Map McHenry and Ward Counties, North Dakota

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

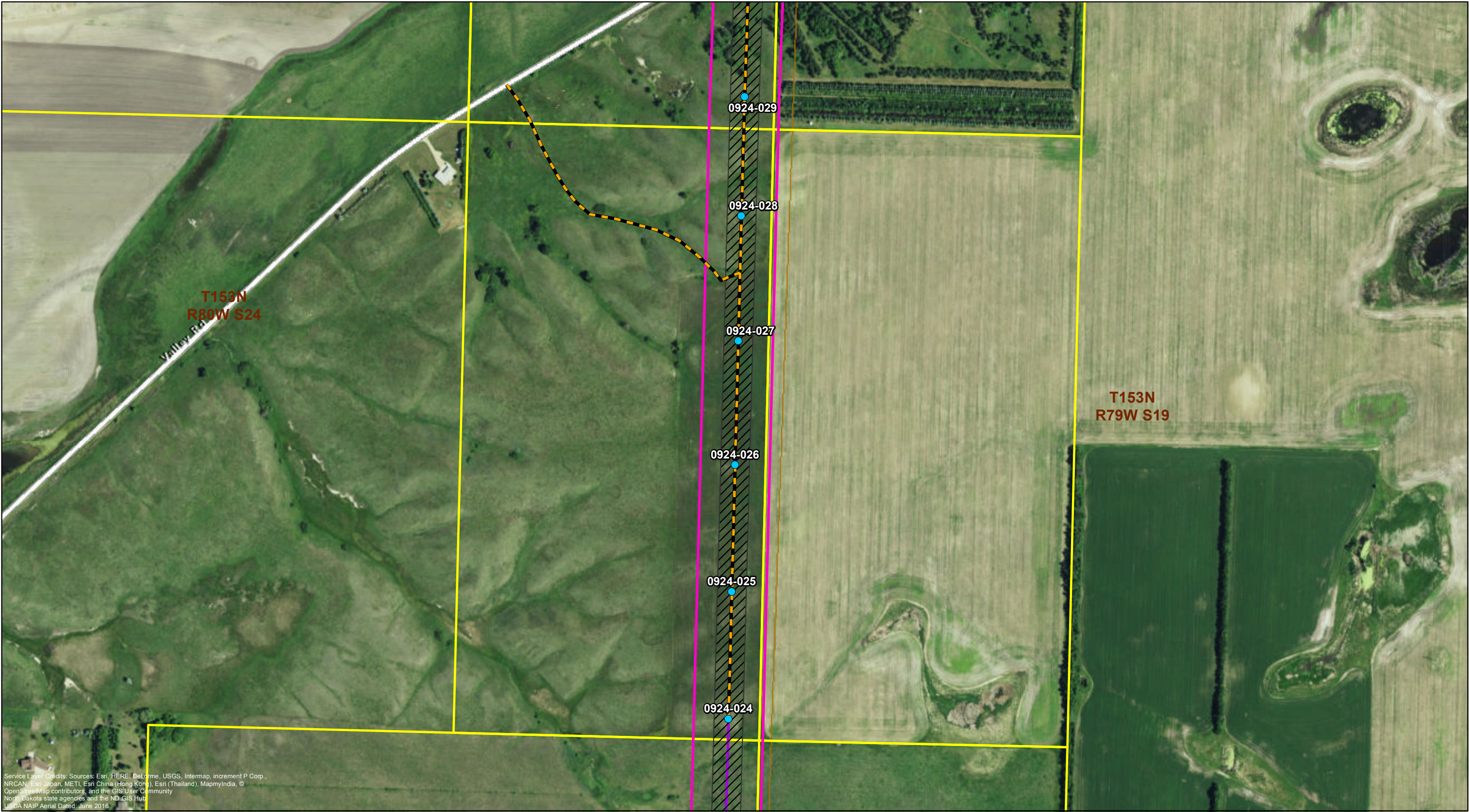
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 21

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North Dakota state agencies and the ND GIS Hub
USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership Access Route

- Parcel Boundary
- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

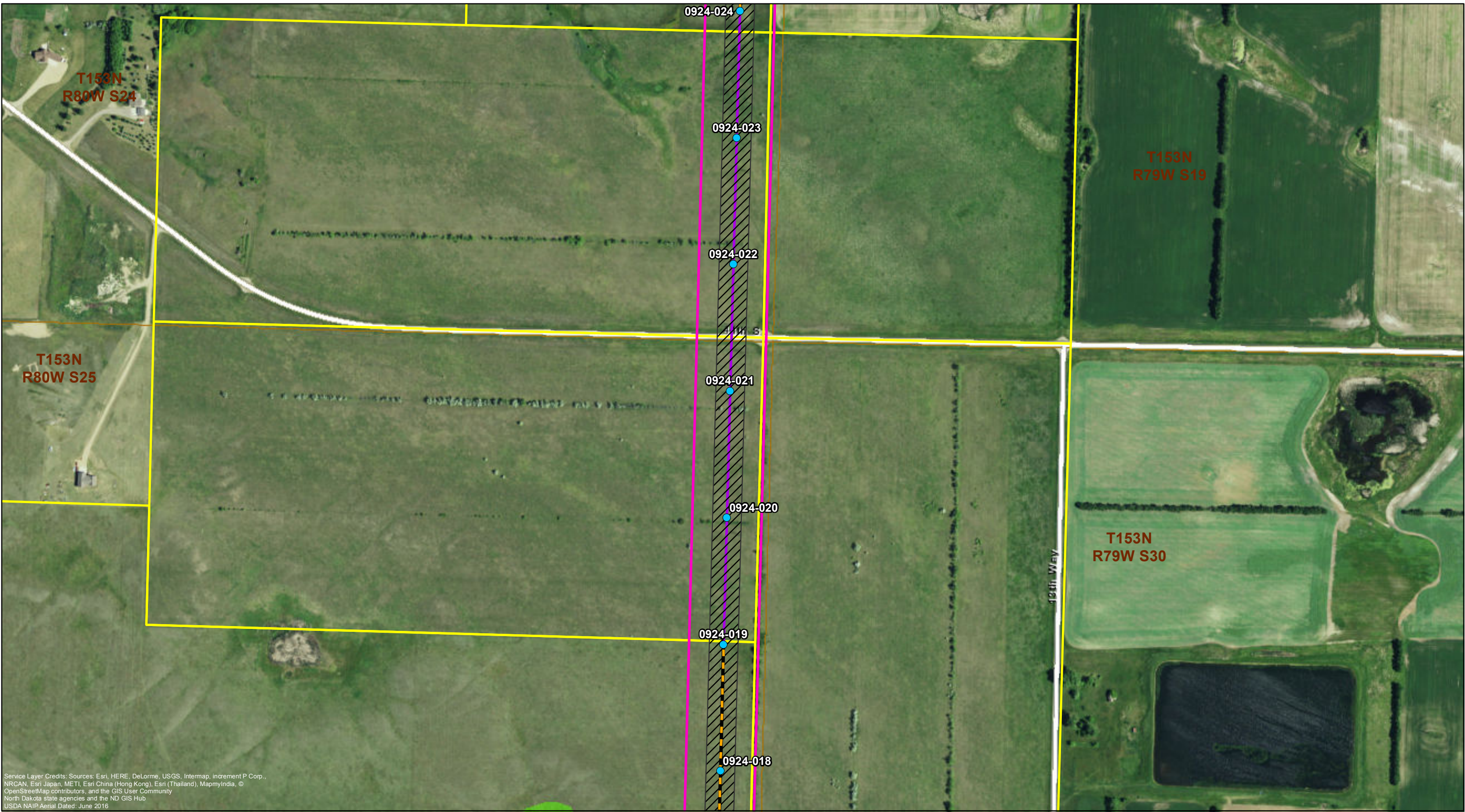
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 22

P:\5750_Xcel_Energy_Minot_ND\900_WorkingDocs-GIS\Layout\Appendix B_20170307.mxd



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North Dakota state agencies and the ND GIS Hub
USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
 - Wetland
- Desktop Wetland Review**

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

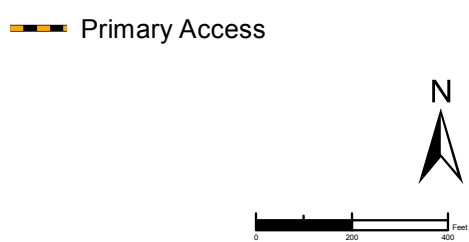
SHEET MAP 23



- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

 Parcel Boundary
Stream/River
 Stream (Intermittent)
Desktop Wetland Review
 Wetland
 USFWS Wetland
 Easement Wetland

 Primary Access



Minot Load Serving Project Appendix B - Project Sheet Map McHenry and Ward Counties, North Dakota

Prepared For:

Prepared By:  TETRA TECH

Drawn:	MAR 3/7/2017
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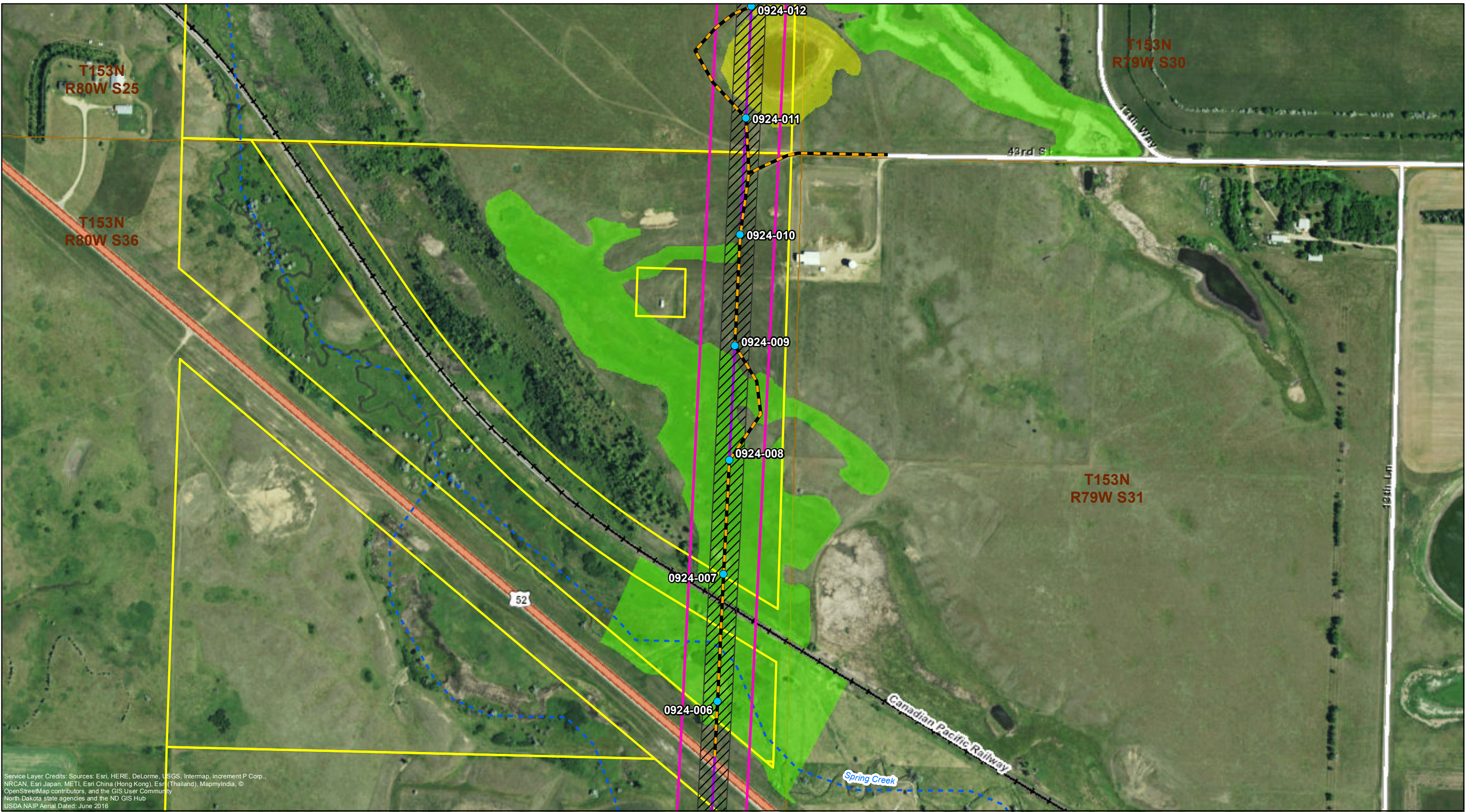
Approved: LHK 3/7/2017

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PROJECT NUMBER	60342328
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SHEET MAP	24
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Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
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Property Ownership

- Parcel Boundary
- Stream (Intermittent)

Desktop Wetland Review

- Wetland
- USFWS Wetland
- Easement Wetland

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

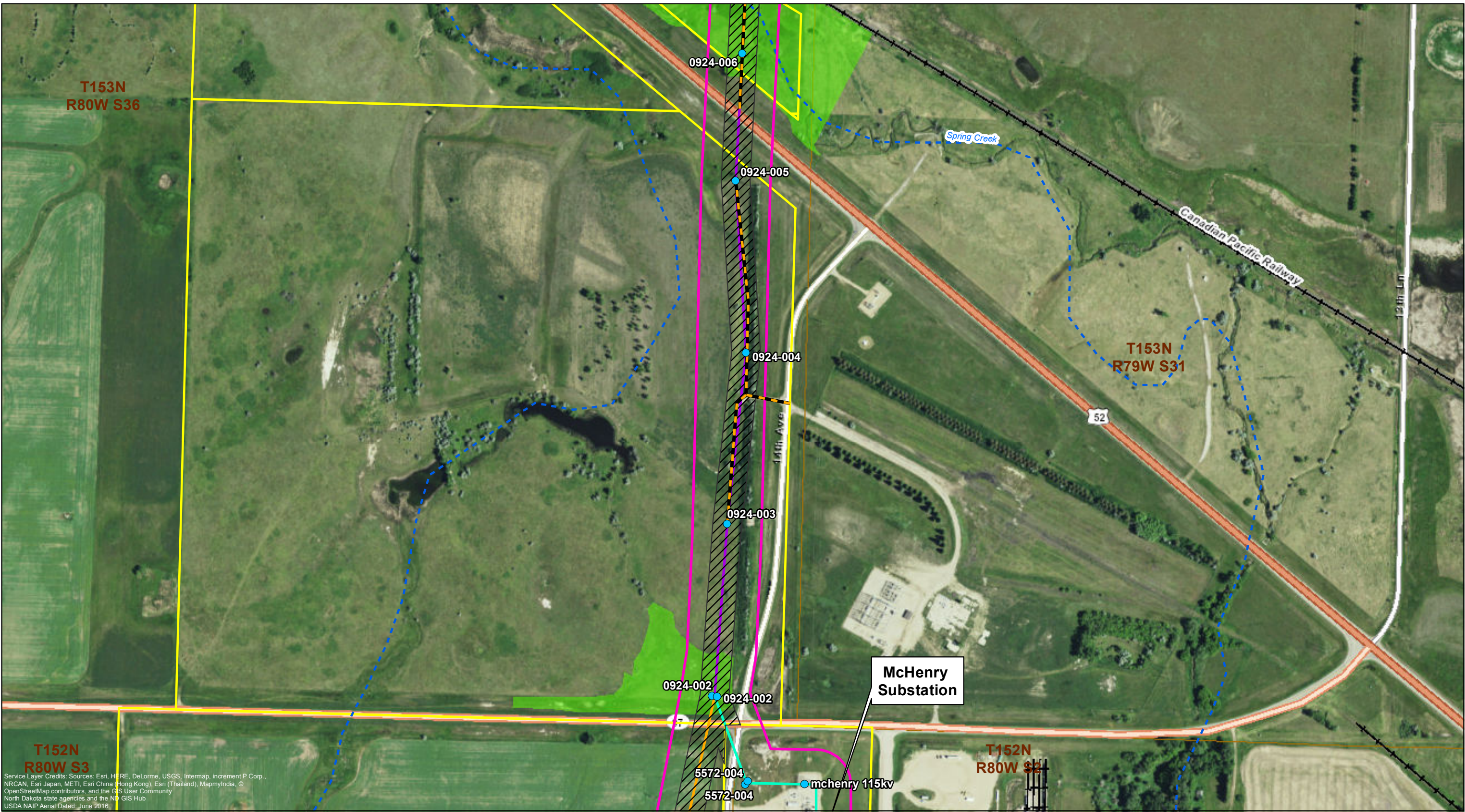
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 25

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North Dakota state agencies and the ND GIS Hub
USDA NAIP Aerial Dated: June 2016



Project Feature

- Preliminary Structure Location
- Potential Laydown Area
- Preliminary 115 kV Centerline
- Preliminary 230 kV Centerline
- Preliminary 230/115 kV Centerline
- Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- Parcel Boundary
- Stream/River

Desktop Wetland Review

- Stream (Intermittent)
- Wetland

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

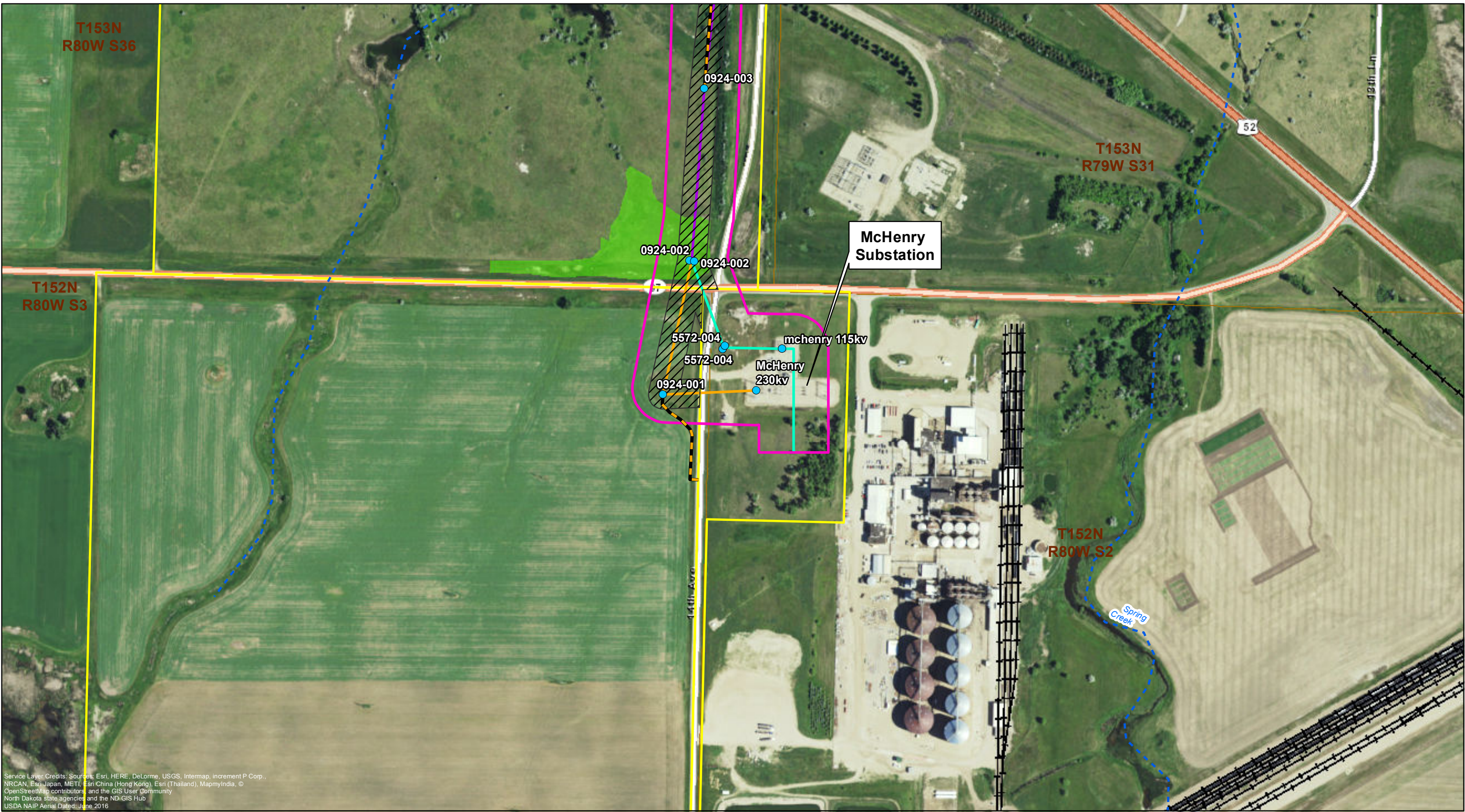
Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 26

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Project Feature

- Preliminary Structure Location
- ▨ Potential Laydown Area
- Preliminary 115 kV Centerline
- Preliminary 230 kV Centerline
- Preliminary 230/115 kV Centerline
- ▨ Preliminary Right-of-Way (125 Feet)
- Project Corridor

Property Ownership

- ▨ Parcel Boundary

Stream/River

- - - Stream (Intermittent)

Desktop Wetland Review

- ▨ Wetland

Access Route

- Primary Access



**Minot Load Serving Project
Appendix B - Project Sheet Map
McHenry and Ward Counties,
North Dakota**

Prepared For:



Prepared By:



Drawn: MAR 3/7/2017

Approved: LHK 3/7/2017

Scale: 1:4,800

PROJECT NUMBER 60342328

SHEET MAP 27